

Abstract of the Disclosure

An information recording apparatus has: a recording device for recording information onto an information recording medium, whose recording speed can be changed to first and second linear velocities, by irradiating laser light with a variable recording power; a measuring device for measuring reproduction quality by reproducing the record information recorded at the first linear velocity, if the recording speed is changed from the first linear velocity to the second linear velocity; a first calculating device for calculating a link power which is the recording power which gives the reproduction quality measured by the measuring device in the second linear velocity, on the basis of correlation information for representing a correlation between the recording power in the second linear velocity and the reproduction quality of the record information; and an adjusting device for adjusting the recording power at a time in stages or in continuity.